

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072224\
 Data File : BF138604.D
 Acq On : 22 Jul 2024 13:10
 Operator : RC/JU
 Sample : PB162114BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162114BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 07/23/2024

Supervised By :mohammad
 ahmed
 07/23/2024

Quant Time: Jul 22 13:31:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90763	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	379409	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	207012	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	366247	20.000	ng	0.00
76) Chrysene-d12	14.021	240	229312	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	232363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	743989	129.821	ng	0.00
7) Phenol-d6	6.504	99	986750	129.431	ng	0.00
23) Nitrobenzene-d5	7.428	82	651020	84.246	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	245924	127.110	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1071737	80.914	ng	0.00
79) Terphenyl-d14	12.969	244	1184213	84.131	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	99981	39.391	ng	98
3) Pyridine	3.481	79	265432	42.406	ng	96
4) n-Nitrosodimethylamine	3.446	42	189711	46.559	ng	89
6) Aniline	6.522	93	259143	36.291	ng	# 28
8) 2-Chlorophenol	6.651	128	300999	49.671	ng	99
9) Benzaldehyde	6.410	77	25566	6.265	ng	98
10) Phenol	6.516	94	384606	47.528	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	298426	48.981	ng	99
12) 1,3-Dichlorobenzene	6.798	146	303081	44.495	ng	97
13) 1,4-Dichlorobenzene	6.881	146	310559	44.898	ng	99
14) 1,2-Dichlorobenzene	7.028	146	298458	46.328	ng	98
15) Benzyl Alcohol	7.004	79	278411	48.661	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	542894	45.312	ng	85
17) 2-Methylphenol	7.122	107	239475	48.219	ng	# 91
18) Hexachloroethane	7.369	117	117537	46.223	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	227010	48.190	ng	95
20) 3+4-Methylphenols	7.275	107	296574	47.422	ng	# 90
22) Acetophenone	7.269	105	380700	41.314	ng	98
24) Nitrobenzene	7.445	77	348230	44.344	ng	98
25) Isophorone	7.681	82	620061	46.724	ng	99
26) 2-Nitrophenol	7.757	139	161699	48.042	ng	96
27) 2,4-Dimethylphenol	7.798	122	208757m	50.464	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	365558	46.092	ng	98
29) 2,4-Dichlorophenol	8.004	162	241593	44.973	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	256568	40.999	ng	98
31) Naphthalene	8.163	128	872906	44.237	ng	99
32) Benzoic acid	7.934	122	136142	34.506	ng	93
33) 4-Chloroaniline	8.216	127	154936	22.378	ng	97
34) Hexachlorobutadiene	8.275	225	148524	38.542	ng	99
35) Caprolactam	8.592	113	74663m	43.072	ng	
36) 4-Chloro-3-methylphenol	8.704	107	279036	46.397	ng	99
37) 2-Methylnaphthalene	8.857	142	552701	43.526	ng	100
38) 1-Methylnaphthalene	8.957	142	517528	41.760	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	230358	39.927	ng	99
41) Hexachlorocyclopentadiene	9.004	237	211337	112.852	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	160696	43.664	ng	98

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44) 2,4,5-Trichlorophenol	9.186	196	170048	42.009	ng	94
46) 1,1'-Biphenyl	9.322	154	653525	41.657	ng	99
47) 2-Chloronaphthalene	9.345	162	521474	43.999	ng	99
48) 2-Nitroaniline	9.445	65	198388	48.305	ng	98
49) Acenaphthylene	9.763	152	825206	49.041	ng	100
50) Dimethylphthalate	9.622	163	612947	45.791	ng	100
51) 2,6-Dinitrotoluene	9.686	165	137096	44.482	ng	90
52) Acenaphthene	9.933	154	515922	46.126	ng	99
53) 3-Nitroaniline	9.857	138	93234	29.515	ng	95
54) 2,4-Dinitrophenol	9.969	184	129604	78.449	ng	93
55) Dibenzofuran	10.104	168	734256	45.258	ng	99
56) 4-Nitrophenol	10.028	139	208994	89.666	ng	96
57) 2,4-Dinitrotoluene	10.092	165	187613	47.047	ng	96
58) Fluorene	10.451	166	583077	45.422	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	143348	44.872	ng	97
60) Diethylphthalate	10.322	149	590367	45.749	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	275245	42.700	ng	94
62) 4-Nitroaniline	10.475	138	142620	45.055	ng	97
63) Azobenzene	10.598	77	663698	47.838	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	104630	49.476	ng	87
66) n-Nitrosodiphenylamine	10.557	169	511561	46.620	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	166342	44.189	ng	100
68) Hexachlorobenzene	10.992	284	183397	43.855	ng	99
69) Atrazine	11.086	200	157362	43.254	ng	98
70) Pentachlorophenol	11.192	266	190373	76.933	ng	97
71) Phenanthrene	11.410	178	861335	46.551	ng	100
72) Anthracene	11.463	178	874797	47.628	ng	100
73) Carbazole	11.616	167	771264	46.726	ng	99
74) Di-n-butylphthalate	11.939	149	918029	48.251	ng	100
75) Fluoranthene	12.598	202	878240	46.516	ng	97
77) Benzidine	12.716	184	161208	27.864	ng	100
78) Pyrene	12.827	202	897519	38.556	ng	100
80) Butylbenzylphthalate	13.439	149	375598	53.637	ng	97
81) Benzo(a)anthracene	14.010	228	766802	49.835	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	134065	33.814	ng	# 97
83) Chrysene	14.051	228	659136	45.283	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	415918	55.691	ng	100
85) Di-n-octyl phthalate	14.604	149	486043	41.197	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	746350	47.819	ng	98
88) Benzo(b)fluoranthene	15.063	252	506169	38.680	ng	100
89) Benzo(k)fluoranthene	15.092	252	457913	35.879	ng	99
90) Benzo(a)pyrene	15.427	252	474011	41.234	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	605978	47.463	ng	99
92) Benzo(g,h,i)perylene	17.409	276	453678	33.510	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

